

Summary:

Method for the thermal treatment of powder paints applied to substrates for the preparation of a coating on the substrates using IR radiation, wherein the powder paint which is applied to the substrate is radiated with middle- and/or long-wave IR radiation and the powder paint contains additives with the characteristic of absorbing middle- and/or long-wave IR radiation. Optionally, the powder paint which is thermally treated with middle- and/or long-wave IR radiation is subjected to a further treatment with electron or UV radiation.